



# DG SERIES 1000-1500VA UNINTERRUPTIBLE POWER SUPPLY



Intelligent and Reliable,  
Ensuring Stable Power Supply



# UPS SERIES

## UPS Series 1000 - 1500VA

UPS Series Offline UPS adopts advanced technology with high efficiency, compact size, sleek design, and stable performance. Controlled by a CPU, it provides continuous voltage regulation and delivers a stable AC 110V output, ideal for computers and precision electronic equipment.

In case of power failure, it switches to battery mode within 8–10ms, offering 5–20 minutes of backup. It also suppresses surges, spikes, and high-frequency noise to protect data and equipment. When power is restored, it automatically switches back and recharges the battery.



Intelligent  
CPU control



Power recovery  
auto-restart



Off-mode  
charging



Cold start  
function

## ENSURE UNINTERRUPTED POWER FOR CRITICAL MARITIME SYSTEMS

In shipboard environments, reliable power supply is essential. Power outages can disrupt critical systems like navigation and communication.

UPS Series 1000 - 1500VA UPS system is designed to address this need. It offers:

- ◆ **Intelligent CPU control for reliable performance.**
- ◆ **Auto restart on power recovery.**
- ◆ **Cold start for emergency use without AC.**
- ◆ **Off-mode charging for battery recharge when powered off.**

This UPS system ensures stable power for shipboard equipment, enhancing safety and reliability.



# 1000VA-1500VA

# 110V

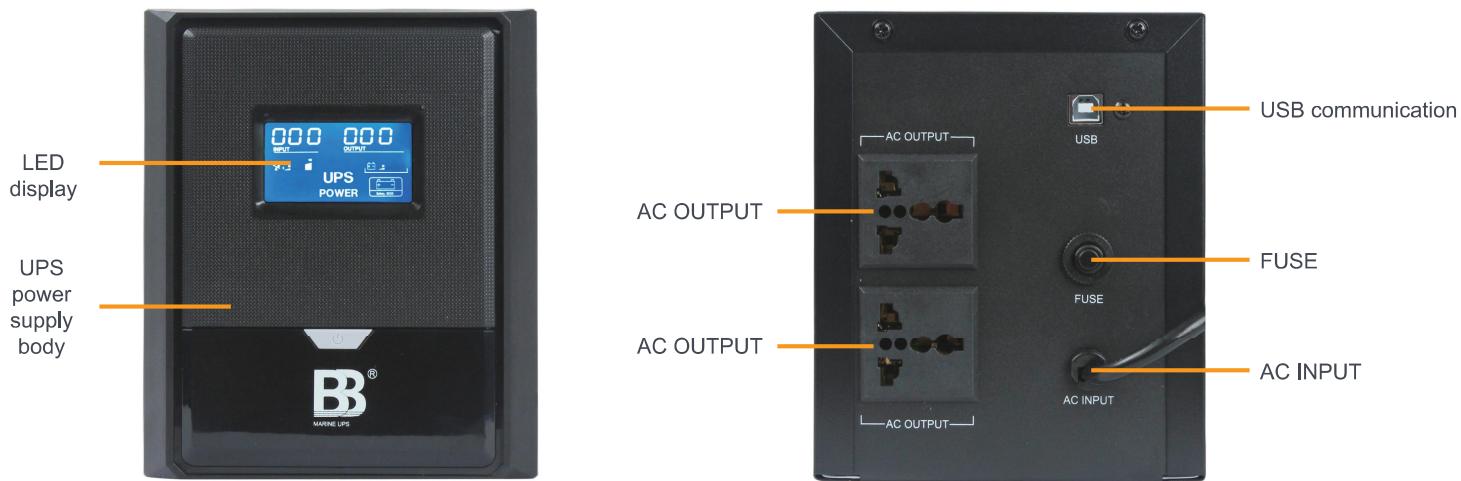
UPS model	MT1000-110	MT1500-110
<b>INPUT</b>		
Capacity	1000VA/600W	1500VA/900W
Voltage		110V
Voltage Range		81-145VAC
Frequency Range		60/50 Hz(Auto sensing)
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. mode)		± 10%
Frequency Range (Batt. Mode)		50/60 Hz ± 1 Hz
Transfer Time		4-6ms
Waveform (Batt. Mode)		Simulated sine wave
Voltage		110VAC
<b>Batteries</b>		
Battery model & Quantity	12V/7AH×2	12V/9AH×2
Charge time	8 hours recover to 90% capacity	
<b>PROTECTION</b>		
Full Protection	Discharge, Short circuit and overload protection	
<b>INDICATORS</b>		
Led Display (LED version)	AC mode, Battery mode, Load level, Battery level, Input voltage, Output voltage, Overload and low battery	
<b>ALARM</b>		
BATTERY mode	Sounding every 4 seconds	
Low Battery	Sounding every second	
Overload	Sounding every second	
Fault	Continuously sounding	
<b>INTERFACE</b>		
USB/R232 Port (optional)	Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC	
USB/RS232		
Optional SNMP	Power management from SNMP management and web browser	
<b>ENVIRONMENT</b>		
Humidity	0-90% RH @ 0-40°C (Non-condensing)	
Noise Level	Less than 40dB	
Dimension(mm)	365x140x165	365x140x165
N.W.(kg)	10	11.9

1.Specifications are subject to change without prior notice.

2.Data above are typical values for reference only, not as a basis for engineering design.

MT1000-110 UPS front panel

Model MT1000-110 rear panel



UPS model	MT1000-110
<b>INPUT</b>	
Capacity	1000VA/600W
Voltage	110V
Voltage Range	81-145VAC
Frequency Range	60/50 Hz(Auto sensing)
<b>OUTput</b>	
AC Voltage Regulation (Batt. mode)	± 10%
Frequency Range (Batt. Mode)	50/60 Hz ± 1 Hz
Transfer Time	4-6ms
Waveform (Batt. Mode)	Simulated sine wave
Voltage	110VAC
<b>Batteries</b>	
Battery model & Quantity	12V/7AH×2
Charge time	8 hours recover to 90% capacity
<b>PROtection</b>	
Full Protection	Discharge, Short circuit and overload protection
<b>Indicators</b>	
Led Display (LED version)	AC mode, Battery mode, Load level, Battery level, Input voltage, Output voltage, Overload and low battery
<b>ALARM</b>	
BATTERY mode	Sounding every 4 seconds
Low Battery	Sounding every second
Overload	Sounding every second
Fault	Continuously sounding
<b>INTERFACE</b>	
USB/R232 Port (optional) USB/RS232	Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC
Optional SNMP	Power management from SNMP management and web browser
<b>ENVIRONMENT</b>	
Humidity	0-90% RH @ 0-40°C (Non-condensing)
Noise Level	Less than 40dB
Dimension(mm)	365x140x165
N.W.(kg)	10

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